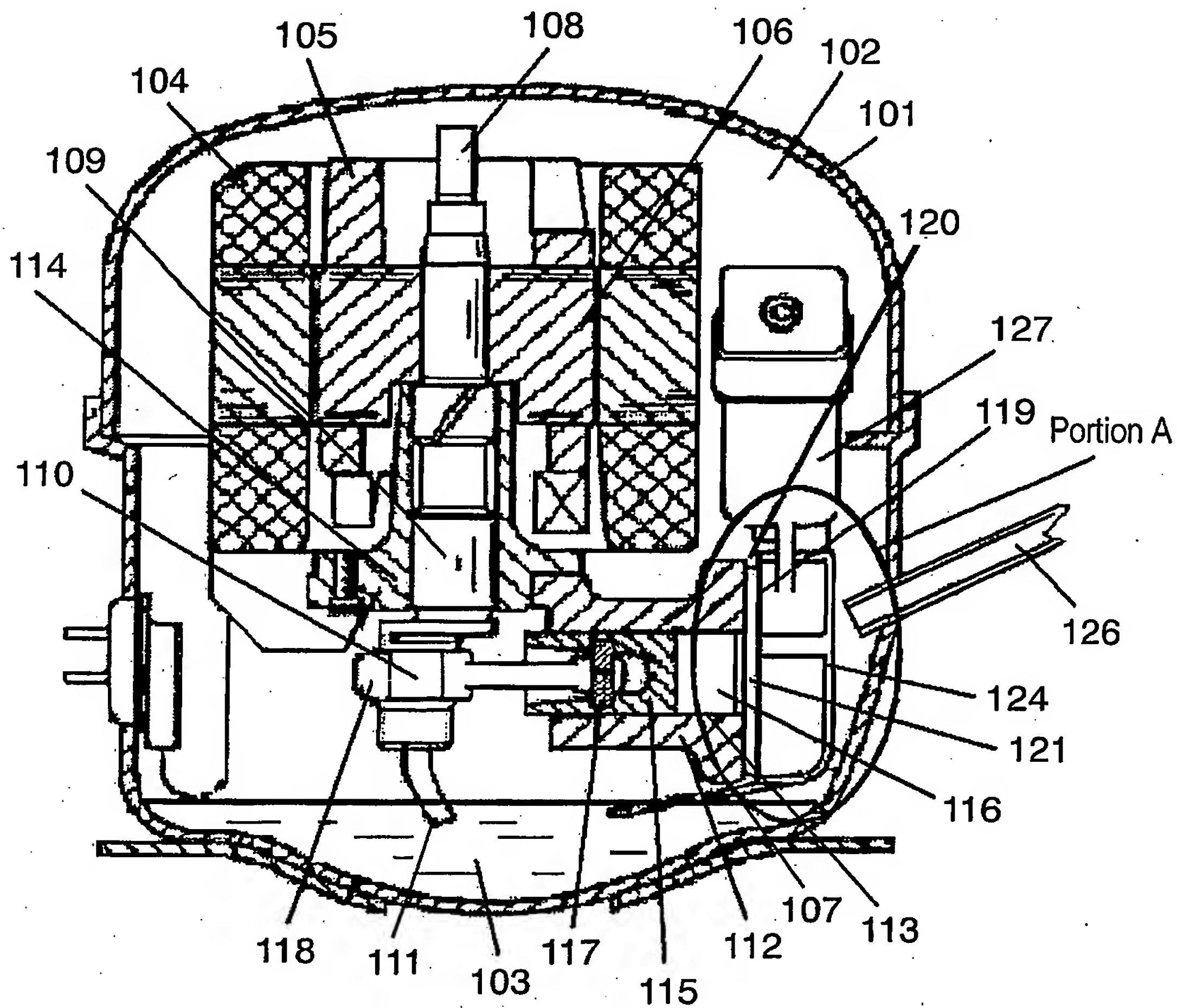


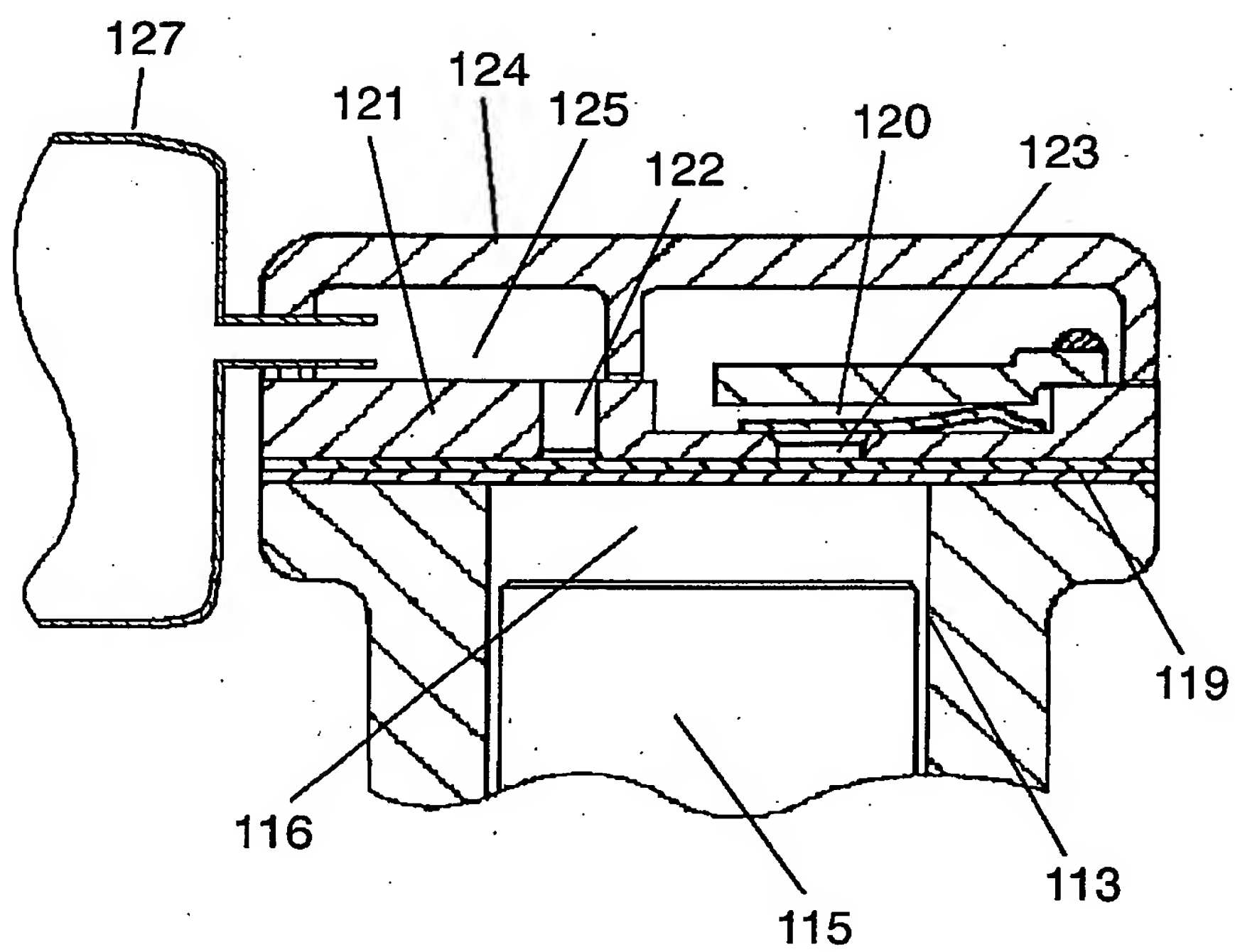
1/15

FIG. 1



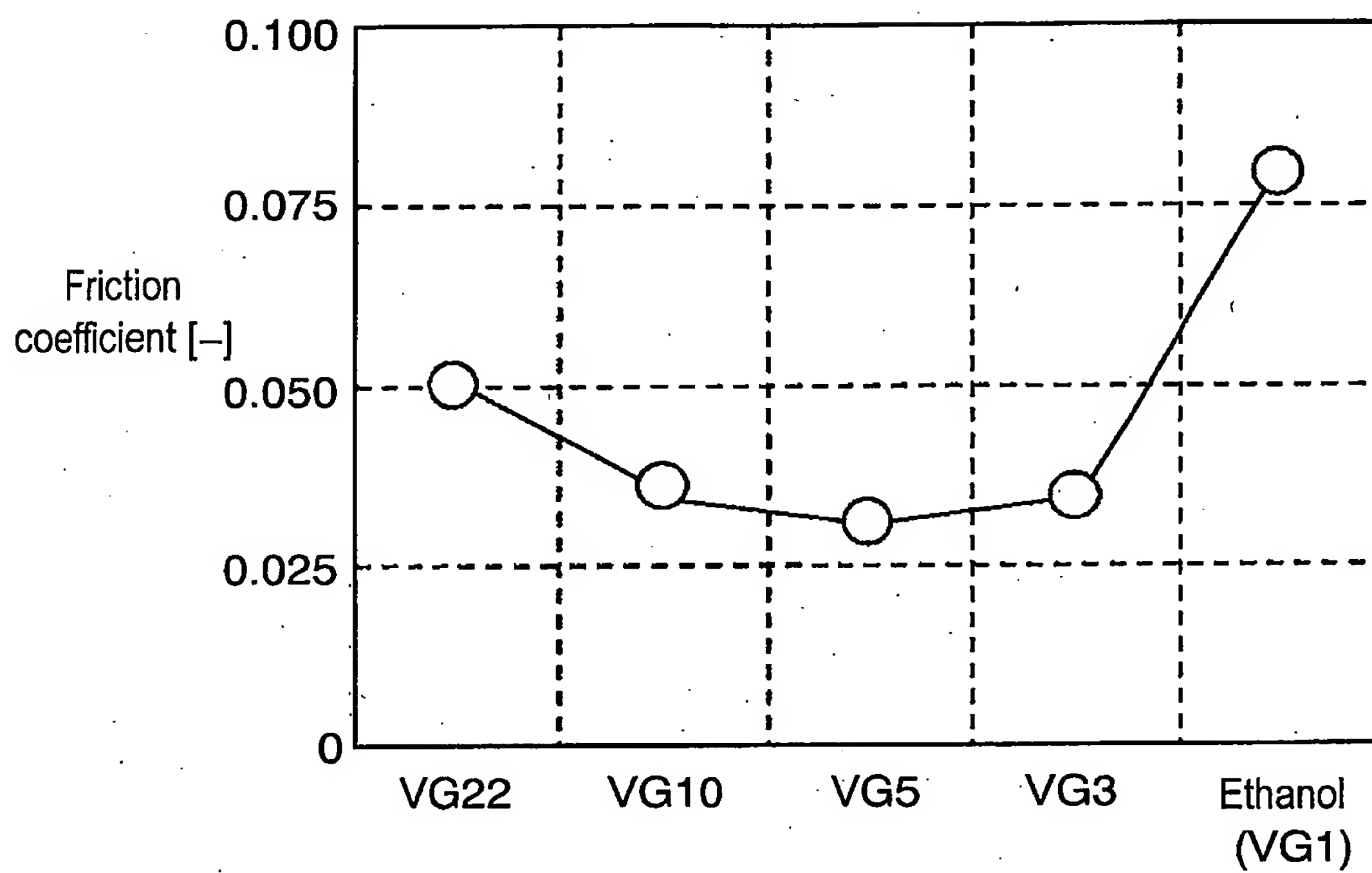
2/15

FIG. 2



3/15

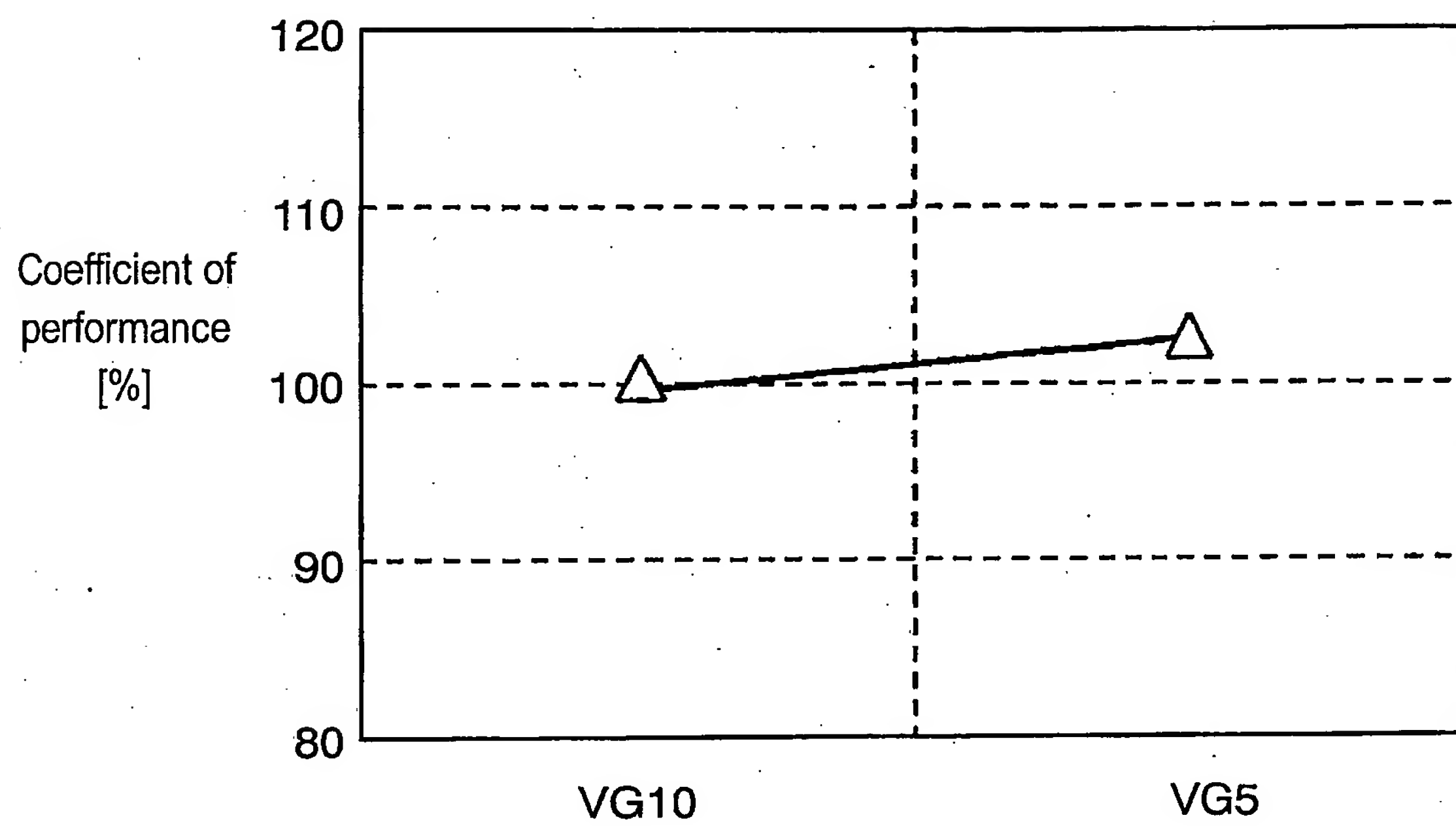
FIG. 3



Oil viscosity	VG22	VG10	VG8	VG3	(VG1)
Friction coefficient	0.050	0.035	0.030	0.033	0.079

4/15

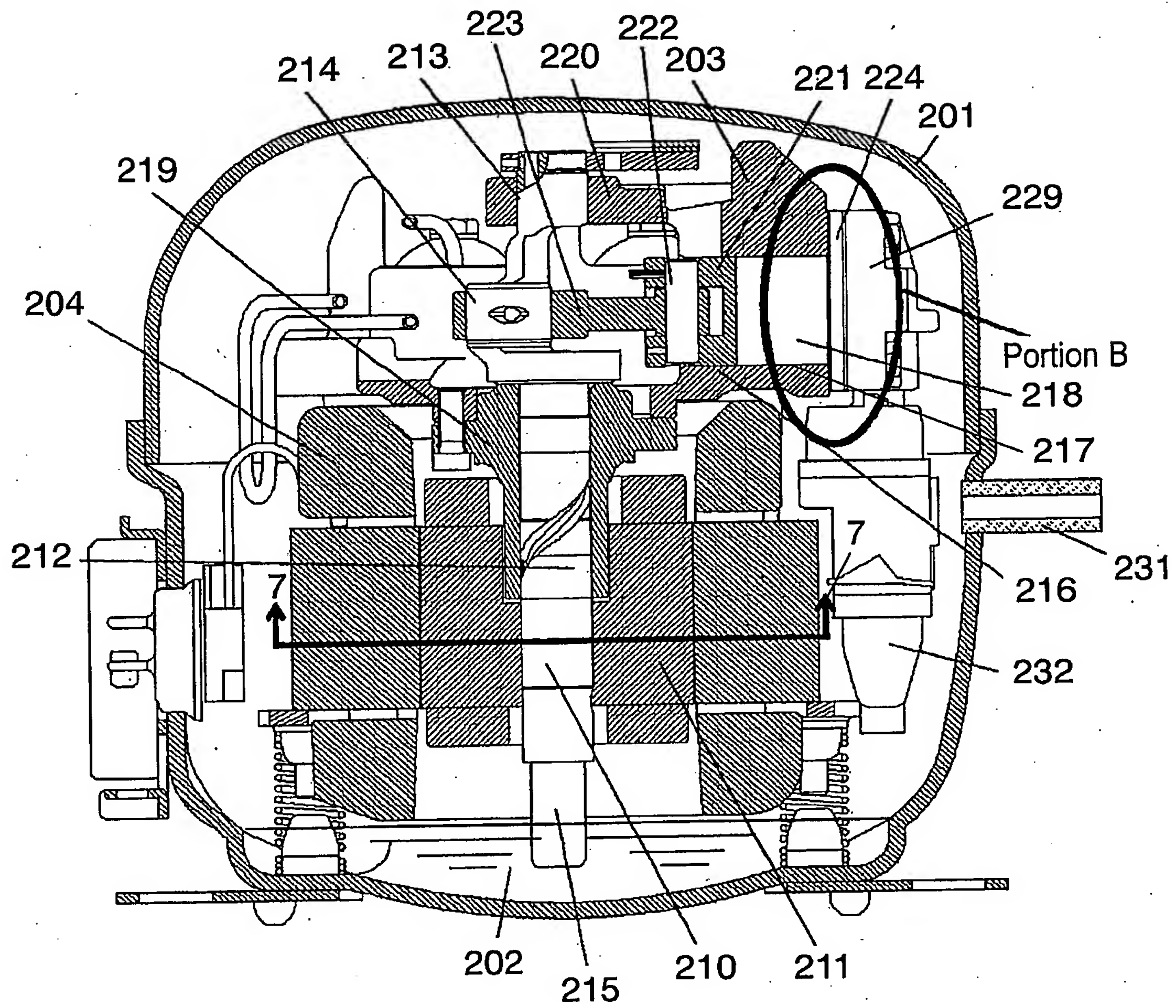
FIG. 4



Oil viscosity	VG10	VG5
Coefficient of performance [%]	100	103

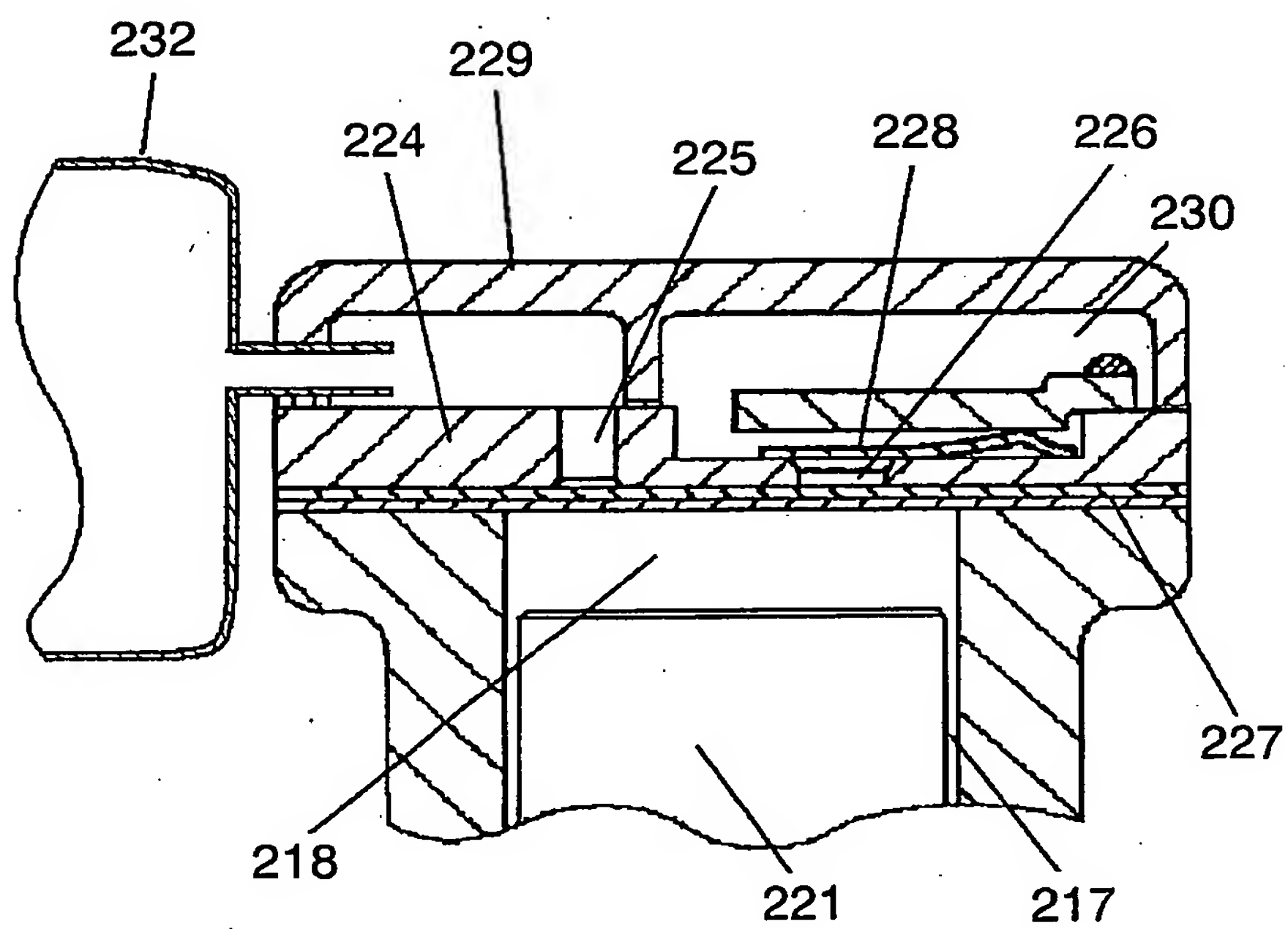
5/15

FIG. 5



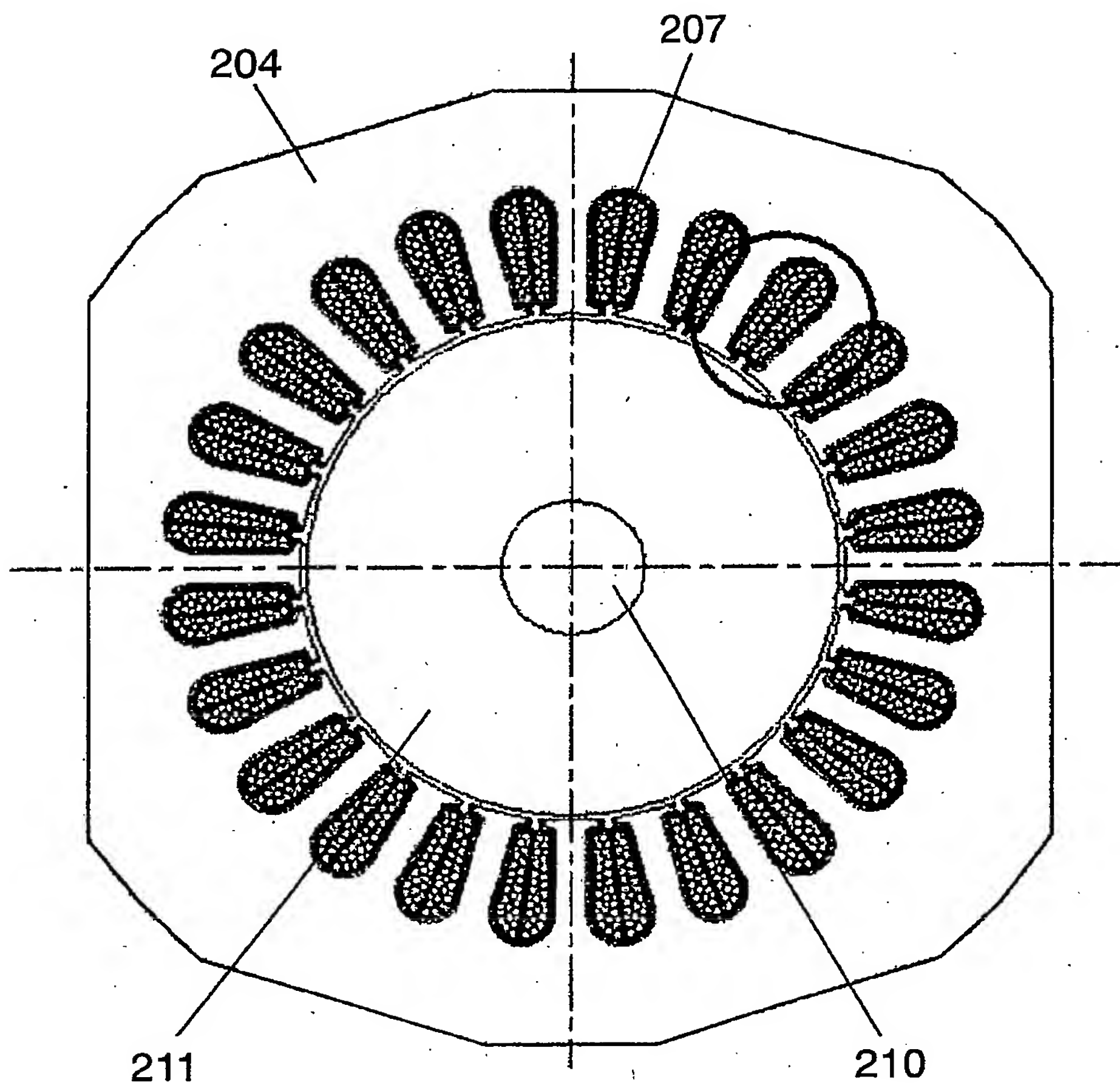
6/15

FIG. 6



7/15

FIG. 7



8/15

FIG. 8

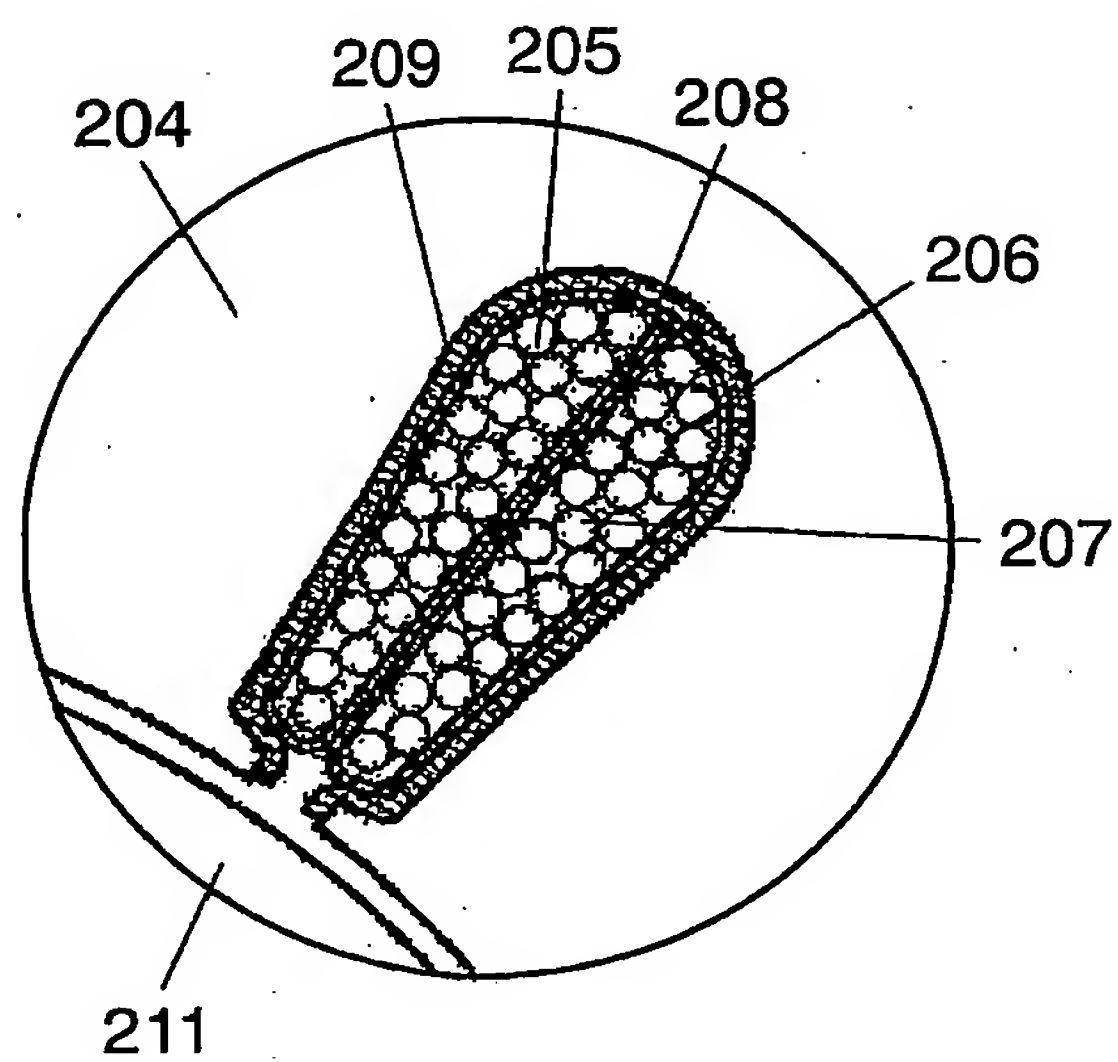
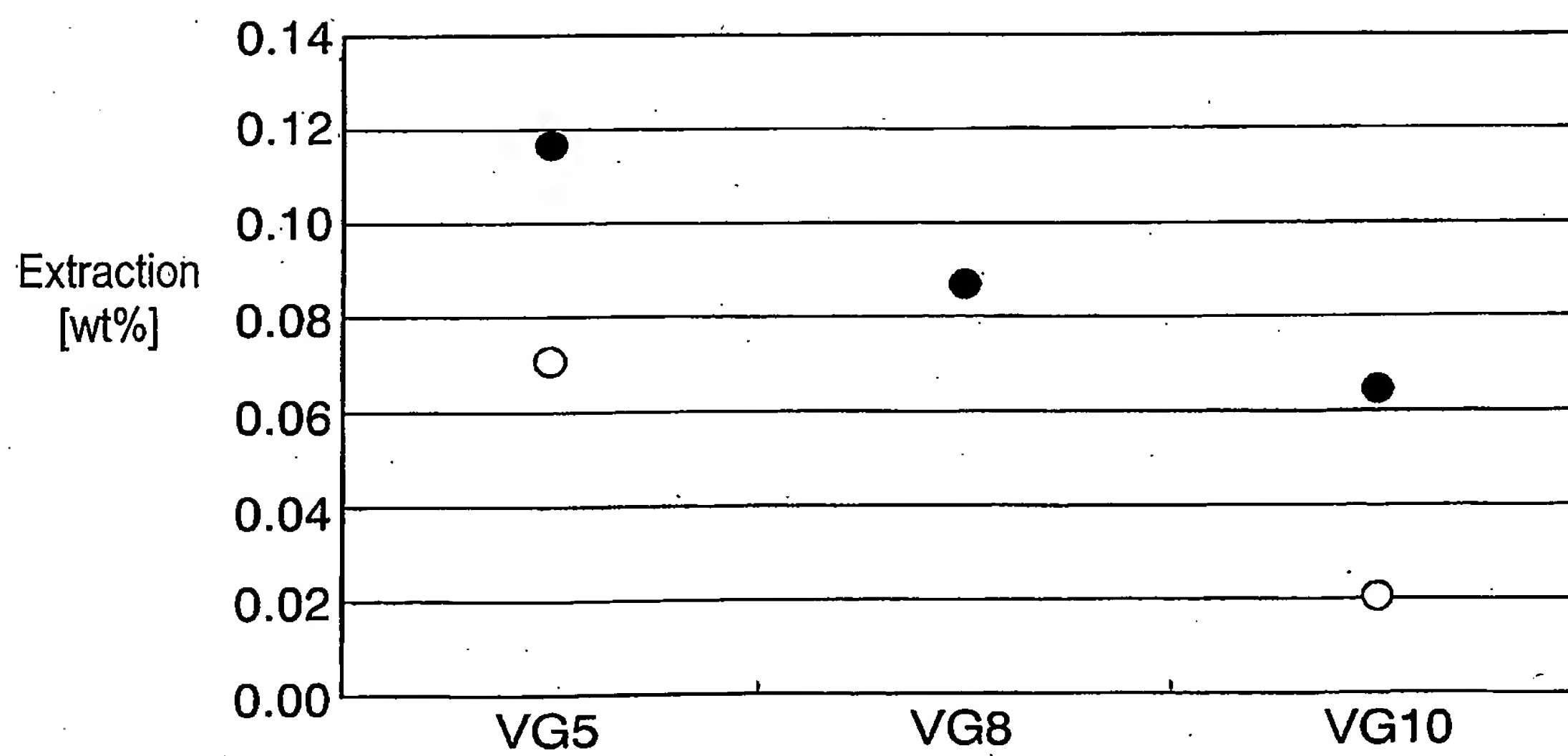


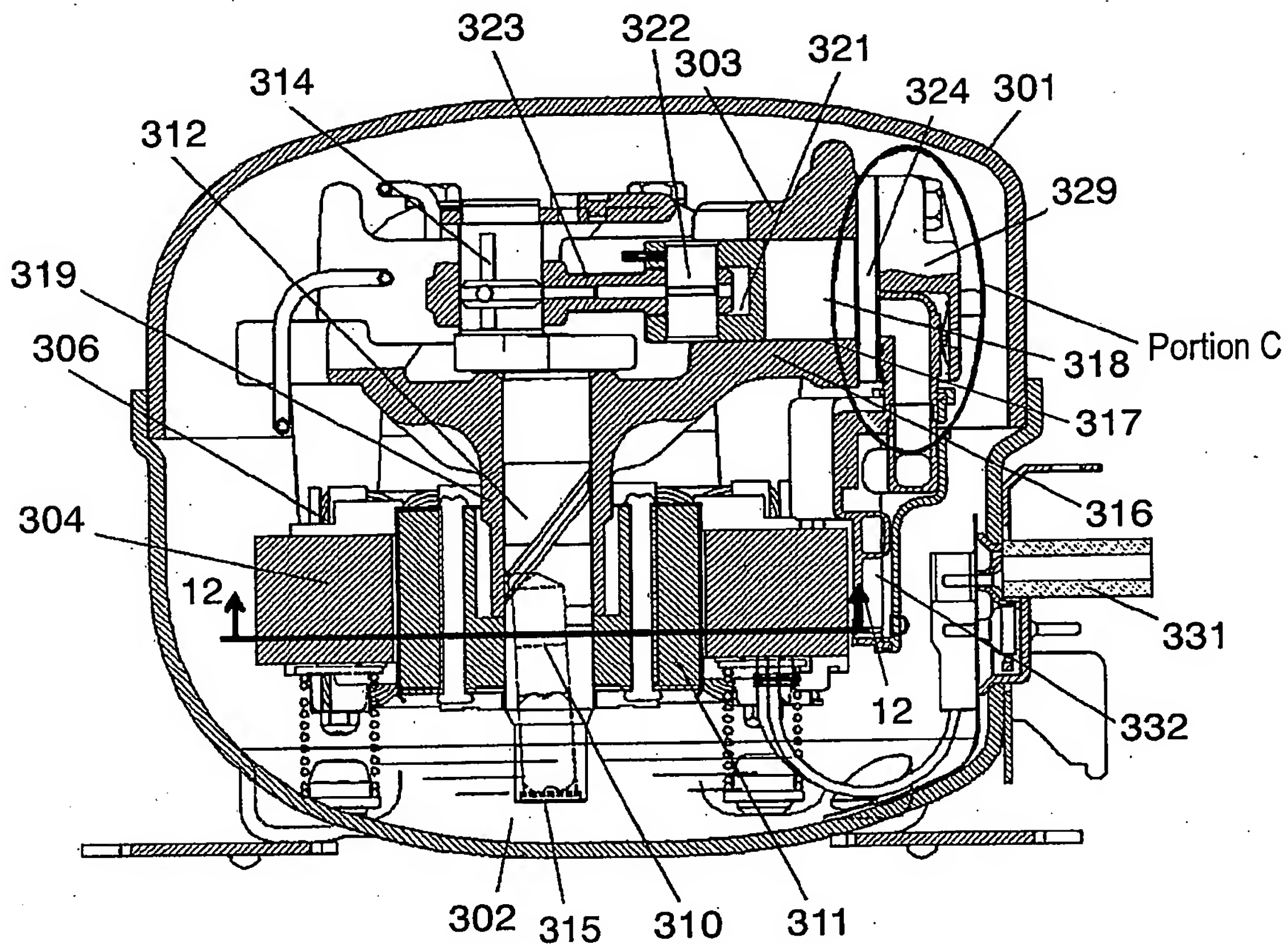
FIG. 9





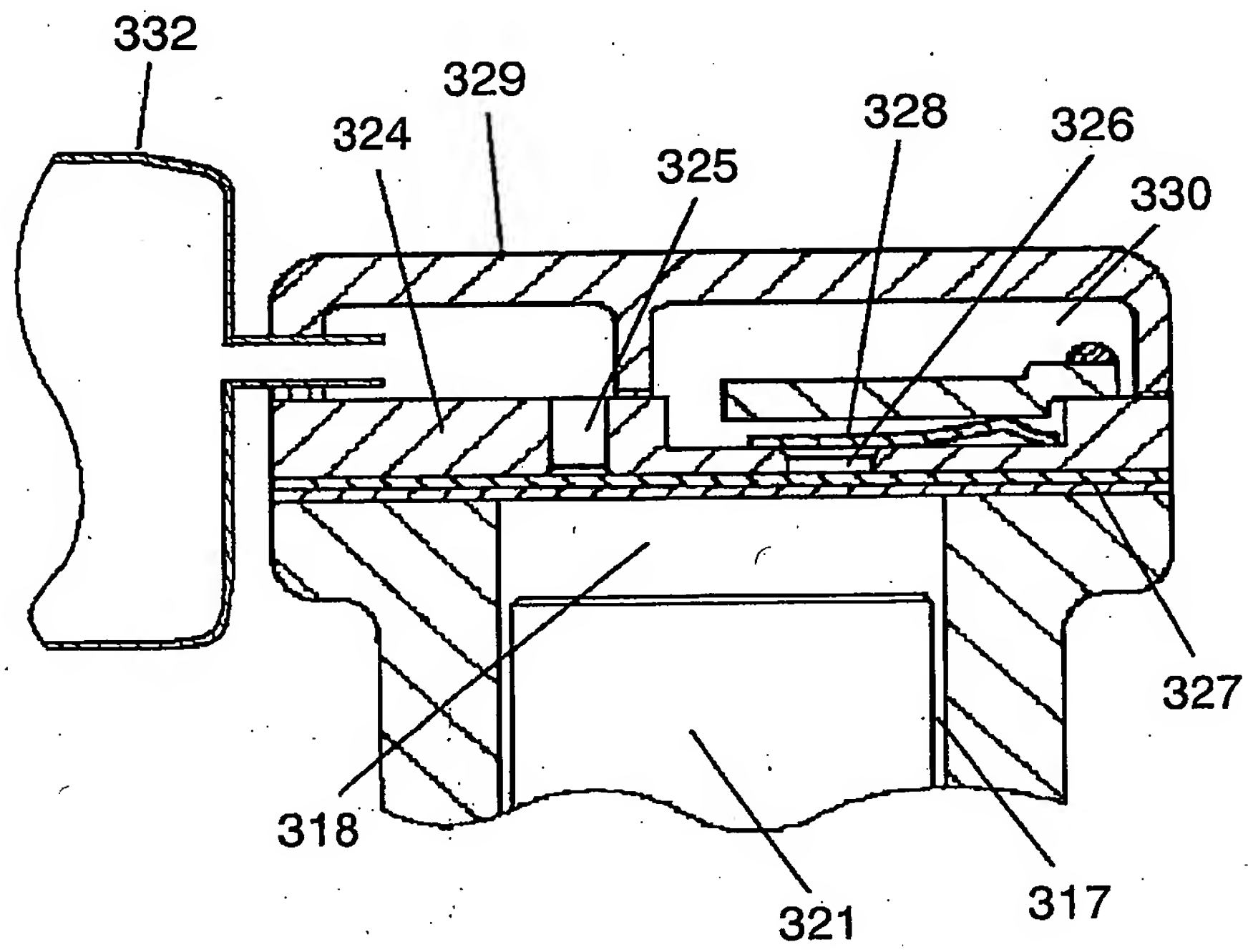
9/15

FIG. 10



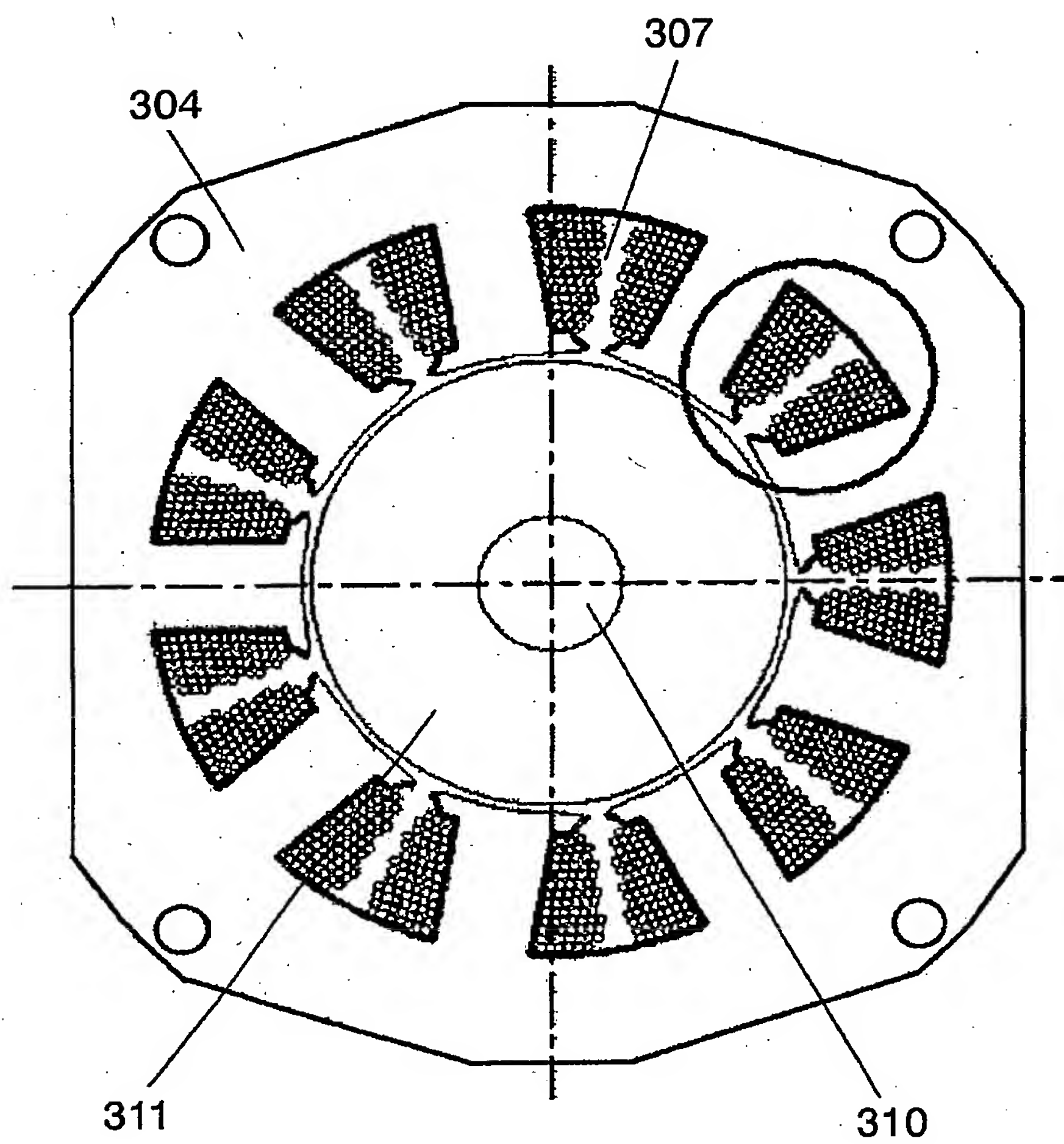
10/15

FIG. 11



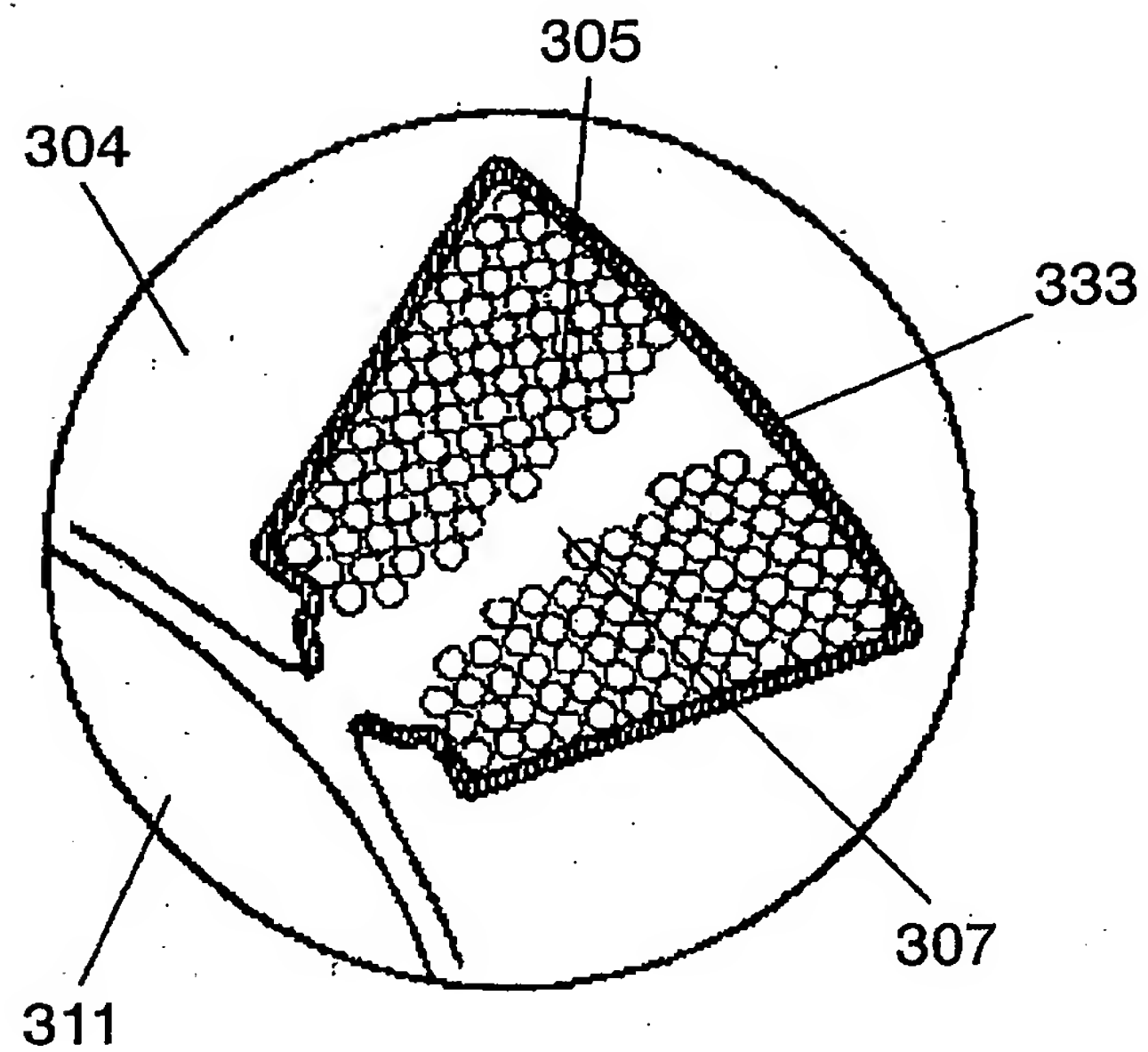
11/15

FIG. 12



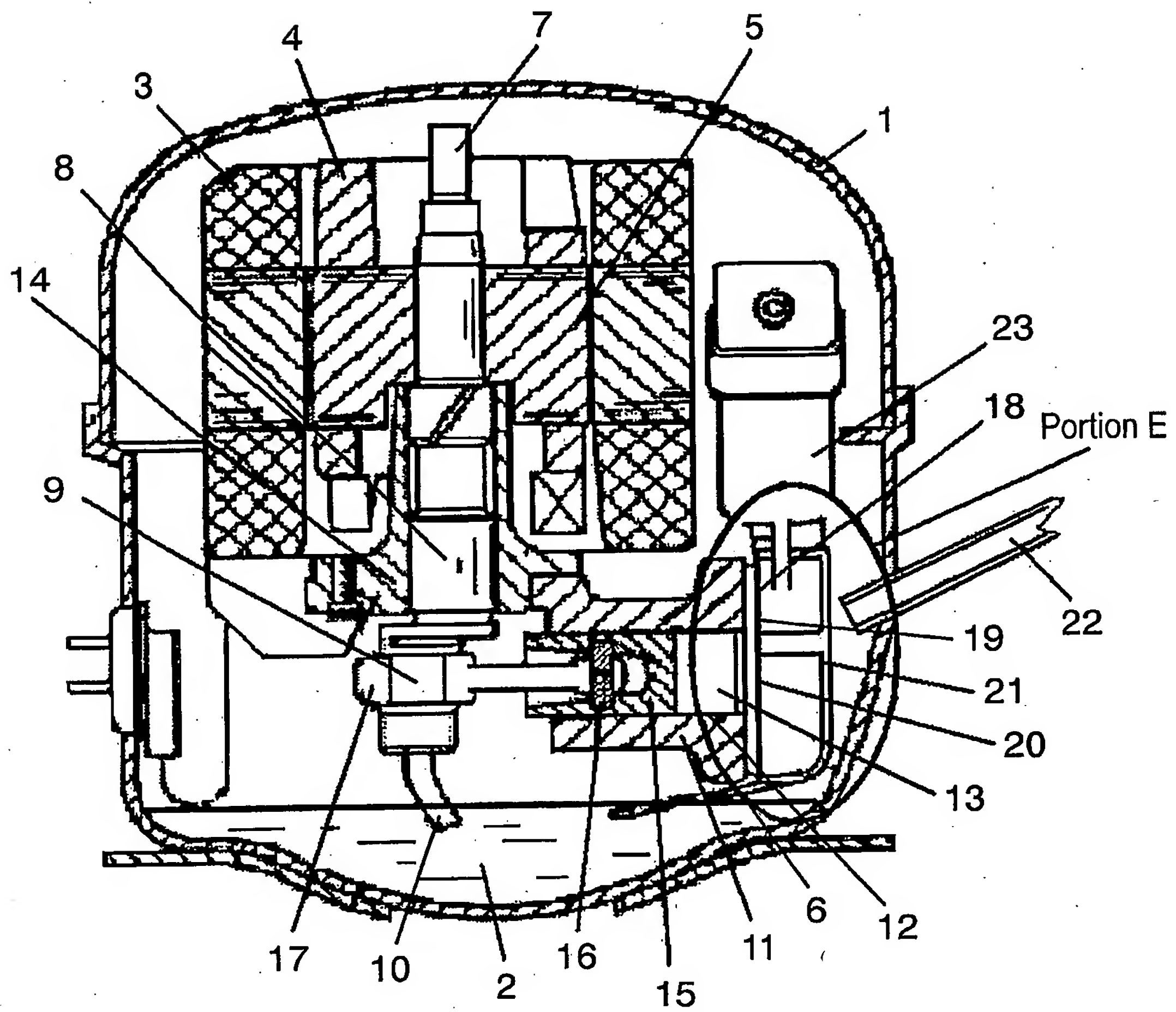
12/15

FIG. 13



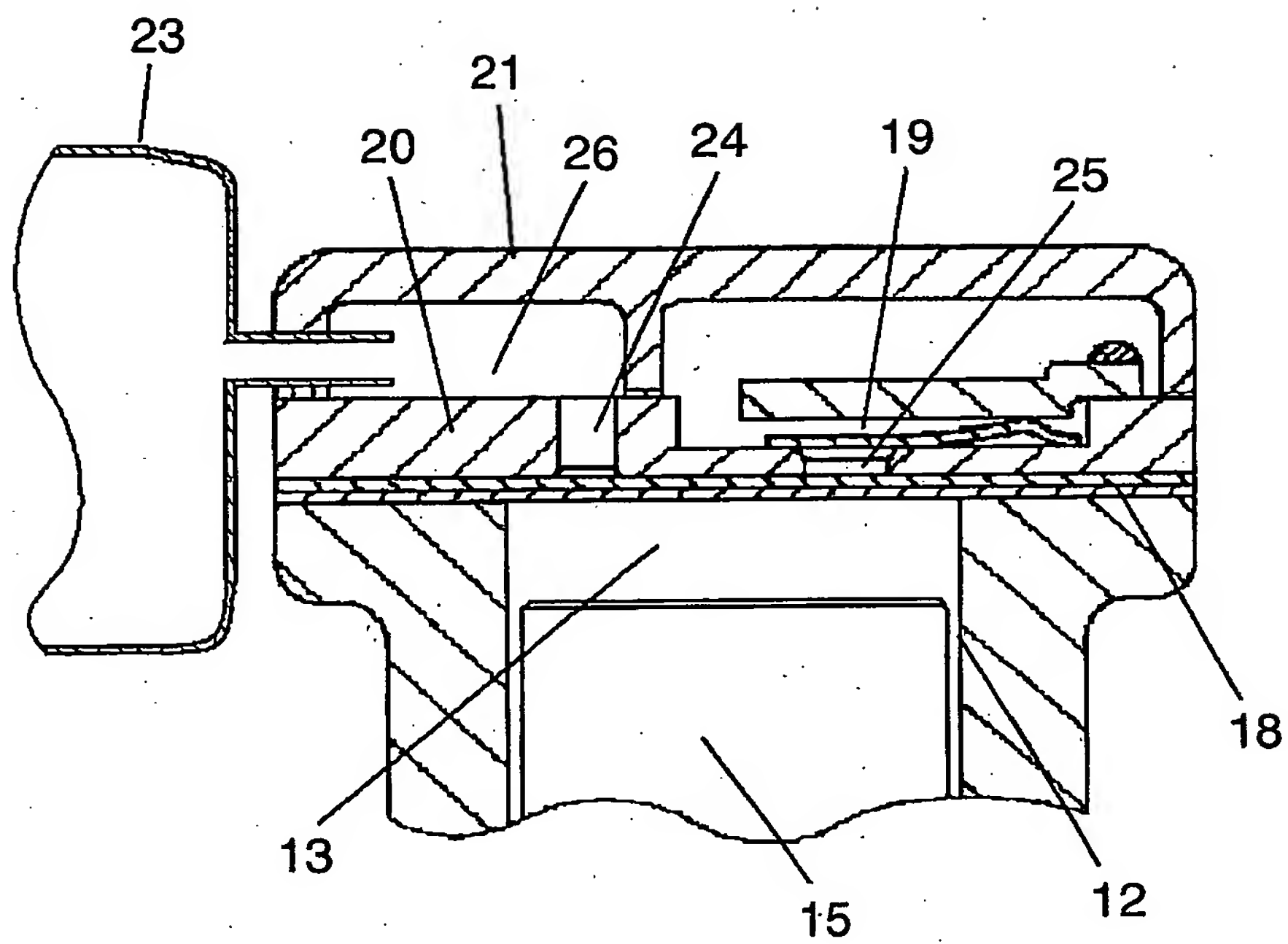
13/15

FIG. 14



14/15

FIG. 15



15/15

Reference numerals in the drawings

101, 201, 301 Hermetic container

102 Refrigerant gas

103, 202, 302 Oil

107, 203, 303 Compression mechanism

204, 304 Electric motor

208 Interlayer insulating paper

209 Slot insulating paper

210, 310 Crank shaft

216, 316 Cylinder block

221, 321 Piston

333 Insulator